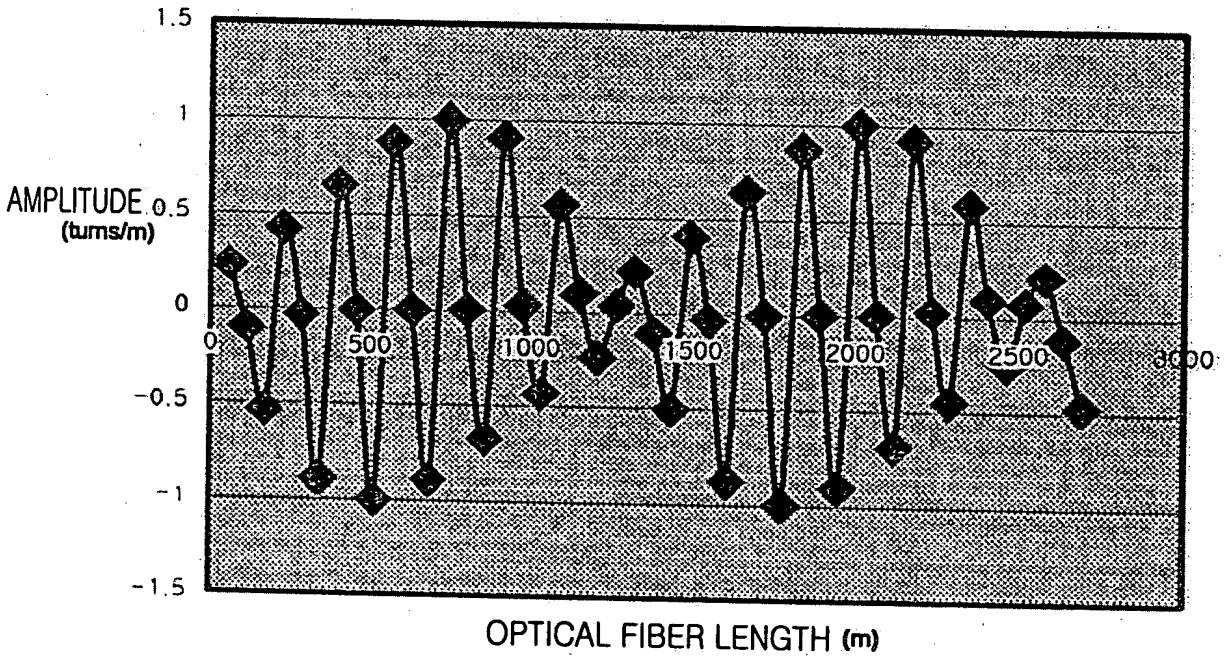

FIG. 1
(PRIOR ART)

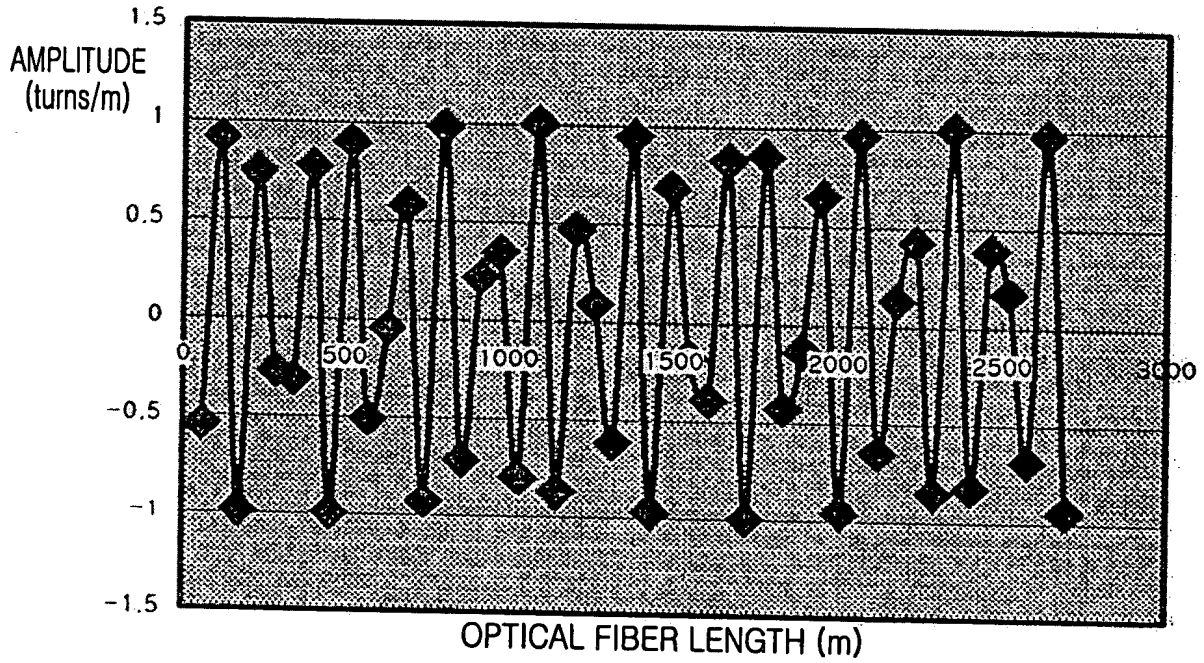

FIG.2
(PRIOR ART)

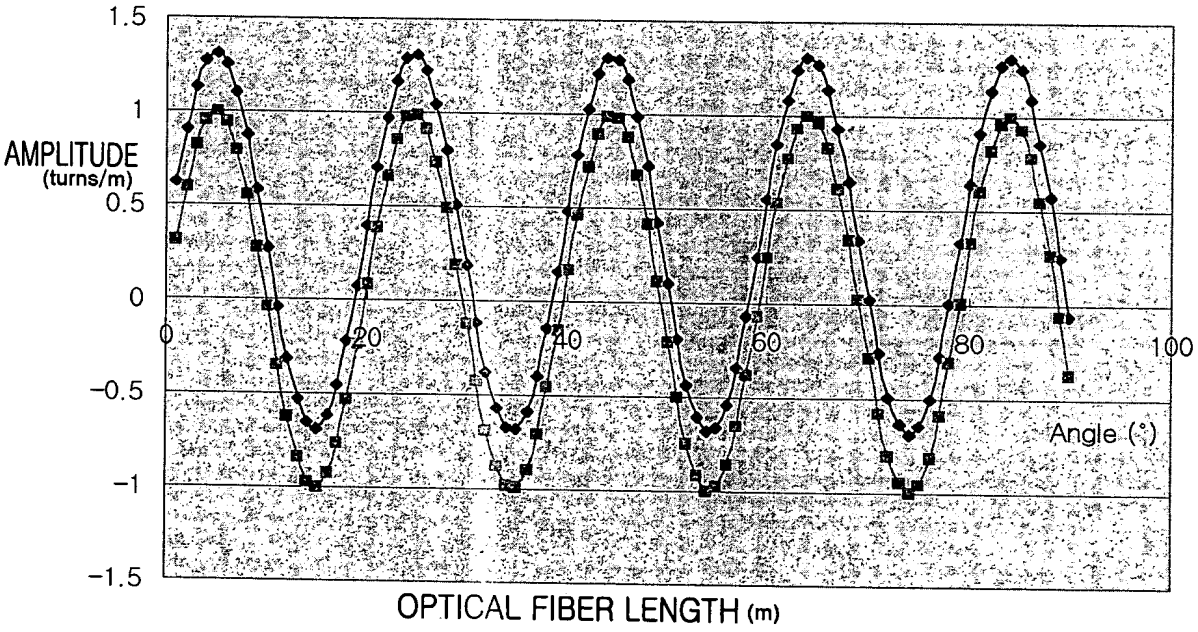
1.5
1
AMPLITUDE
(turns/m)
0.5
0
−0.5
−1
−1.5
0
20
40
60
80
100
Angle (°)
OPTICAL FIBER LENGTH (m)

FIG.3

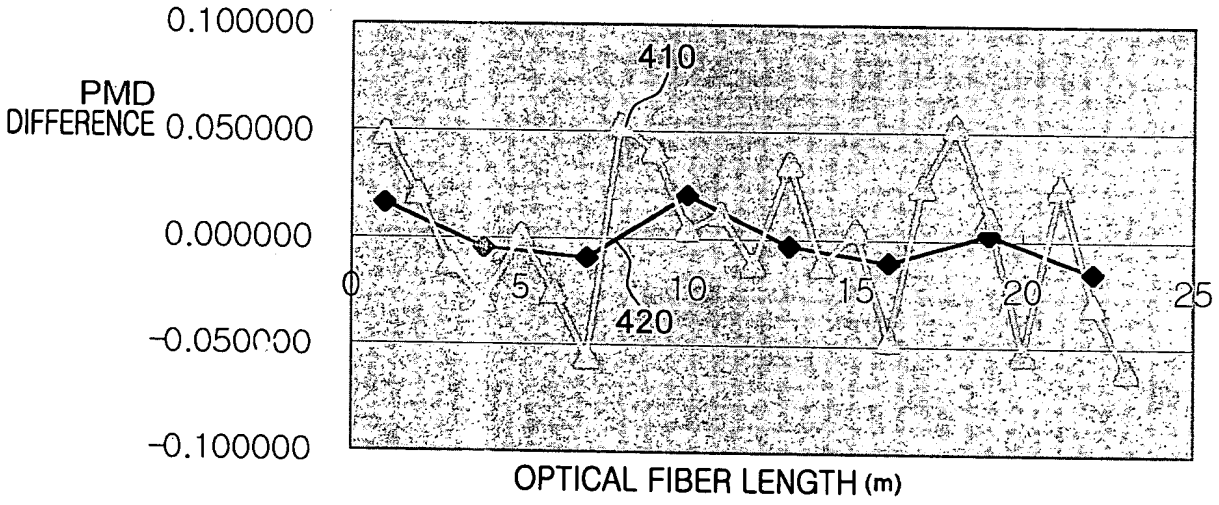
0.100000
PMD
DIFFERENCE 0.050000
0.000000
-0.050000
-0.100000
410
420
0
5
10
15
20
25
OPTICAL FIBER LENGTH (m)

FIG.4

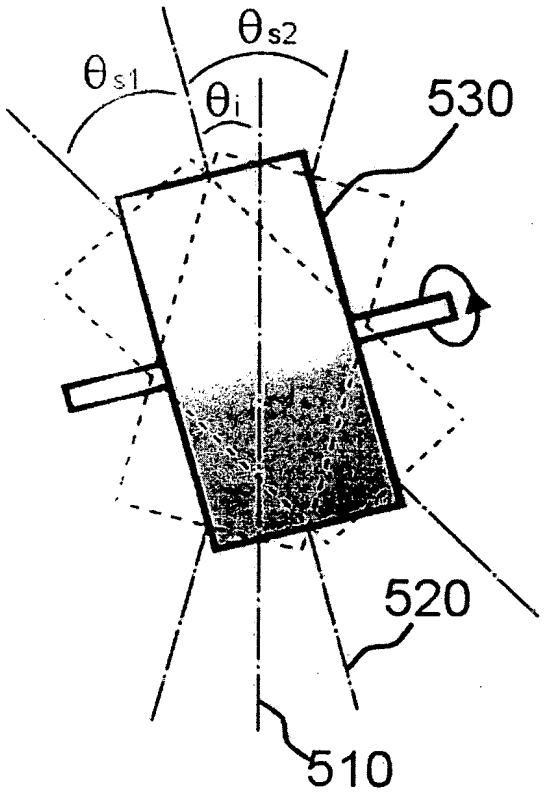

FIG.5

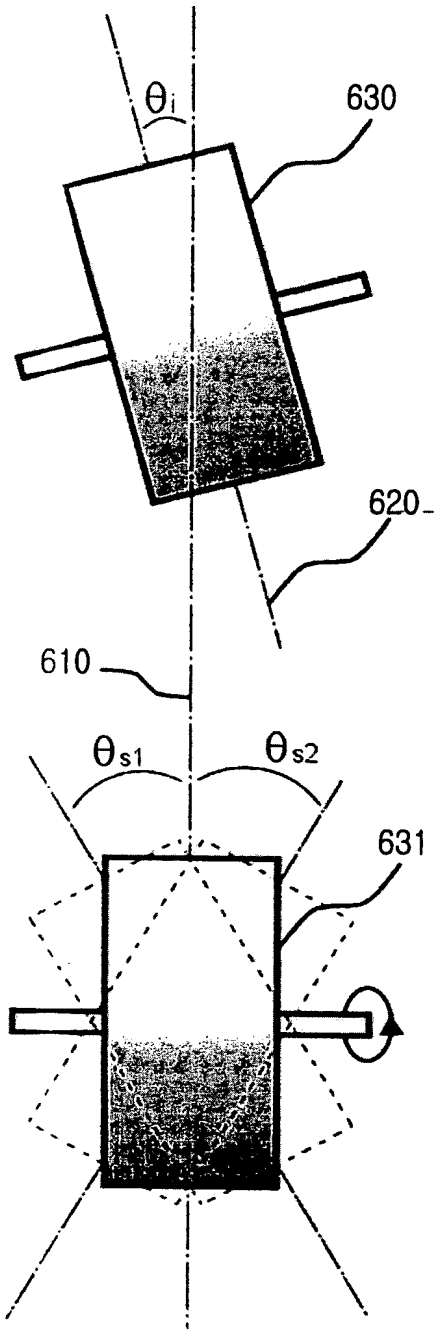

FIG.6